

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

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1. (previously presented) A high strength Mg based casting alloy, which is injection molded using a metal mold, and which contains, by weight, more than 12%, and up to 17%, of Al; 0.1 to 10% of Zn; 1 to 10%, of Sn; and 0.05 to 1.5% of Mn.

2. (previously presented) A high strength Mg based casting alloy, which is injection molded using a metal mold, and which contains, by weight, more than 12%, and up to 20%, of Al; 0.1 to 10% of Zn; 1 to 10%, of Sn; and 0.05 to 1.5% of Mn, and has crystal size of 10 to 300 μ m.

3. (previously presented) A high strength Mg based casting alloy, which is injection molded using a metal mold, and which contains, by weight, 18 to 20% of Al; 0.1 to 5% of Zn; 1 to 10%, of Sn; and less than 1.5% of Mn, and has a tensile strength (x) at 20°C larger than 240 MPa; and an elongation (y) larger than 0.5% and at the same time larger than a value calculated by $y = -0.295x + 78$.

4. (previously presented) A high strength Mg based casting alloy, which is injection molded using a metal mold, and which contains, by weight, 12 to 15% of Al; 0.1 to 5% of Zn; 1 to 10% of Sn; 0.1 to 0.5% of Mn, and the remainder contains Mg more than 75%.

5. (previously presented) A high strength Mg based casting alloy, which is injection molded using a metal mold, and which contains, by weight, 12 to 15% of Al; 0.1 to 5% of Zn; 1 to 10% of Sn; 0.1 to 0.5% of Mn; at least one element selected from the group consisting of Ca, Si and rare-earth elements of which the total content is less than 5%; at least one kind of element selected from the group consisting of Sr and Sb of which the total content is less than 1%; and the remainder which is consisting essentially of Mg.

6. (previously presented) A Mg based casting alloy, which is injection molded using a metal mold and which contains, by weight, 12 to 20% of Al; and 1 to 10%, of Sn.

7. (previously presented) A Mg based casting alloy, which is injection molded using a metal mold, and which contains, by weight, 12 to 20% of Al; 1 to 10%, of Sn; and less than 1.5% of Mn.

8. (previously presented) A high strength Mg based casting alloy, which is injection molded using a metal mold, and which contains, by weight, 12 to 15% of Al; 1 to 3% of Zn; 1.5 to 4.5% of Sn; 0.05 to 0.5% of Mn; and the remainder which is consisting essentially of Mg.

9. (previously presented) A high strength Mg based alloy according to any one of claims 1 to 4, which contains one kind or more than two kinds of elements selected from the group consisting of Ca, Si and rare-earth elements of which the total content is less than 5% by weight; and at least one kind of element selected from the group consisting of Sr and Sb of which the total content is less than 1%.

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10. (previously presented) A Mg based casting alloy according to any one of claims 6 to 8, which contains one kind or more than two kinds of elements selected from the group consisting of Ca, Si and rare-earth elements of which the total content is less than 5% by weight; and at least one kind of element selected from the group consisting of Sr and Sb of which the total content is less than 1%.

11. (previously presented) A die cast article, which is molded using a molten metal of the alloy according to any one of claims 1 to 8.

12. (withdrawn) A semi-solid mold article, which is molded using a molten metal of a mixture of liquid phase and solid phase of the alloy according to any one of claims 1 to 10.

13. (withdrawn) A liquid crystal display front of personal computer, which made of the alloy according to any one of claims 11 and 12.

14. (withdrawn) A main body upper case of a mobile type liquid crystal projector, which made of the alloy according to any one of claims 11 and 12.

15. (withdrawn) An impeller of a home electric vacuum cleaner, which made of the alloy according to any one of claims 11 and 12.

16. (withdrawn) A cover and case of a hand-portable telephone, which made of the alloy according to any one of claims 11 and 12.

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17. (withdrawn) A front cabinet of a television set, which made of the alloy according to any one of claims 11 and 12.

18. (withdrawn) A steering wheel core of a vehicle, which made of the alloy according to any one of claims 11 and 12.

19. (withdrawn) A case body of a video-camera, which made of the alloy according to any one of claims 11 and 12.

20. (withdrawn) A lid of an MD player, which made of the alloy according to any one of claims 11 and 12.

21. (withdrawn) A case body of a compact camera, which made of the alloy according to any one of claims 11 and 12.

22. (previously presented) A die cast article, which is molded using a molten metal of the alloy according to claim 9.

23. (previously presented) A die cast article, which is molded using a molten metal of the alloy according to claim 10.

24. (canceled)

25. (canceled)

26. (previously presented) The Mg-based casting alloy according to any one of claims 1, 2, 6 and 7, wherein the alloy includes 12%-17% Al.

27. (previously presented) A semi-solid mold article, which is molded using a semi-melted state where a solid phase and a liquid phase of an alloy are mixed, the alloy being the Mg based casting alloy according to any one of claims 1 to 8.

28. (previously presented) A high strength Mg based casting alloy, which is injection molded using a metal mold, and which contains, by weight, more than 10%, and up to 17%, of Al; 0.1 to 10% of Zn; 1 to 10%, of Sn; and 0.05 to 1.5% of Mn, whose surface is covered with an oxide film which contains Mg of 15 to 35% by atoms.

29. (previously presented) A high strength Mg based casting alloy according to claim 28, wherein said oxide film further includes an oxide of Al of less than 15% by atoms.

30. (previously presented) A high strength Mg based casting alloy, which is injection molded using a metal mold, and which contains, by weight, more than 10%, and up to 17%, of Al; 0.1 to 10% of Zn; 1 to 10%, of Sn; and 0.05 to 1.5% of Mn, whose surface is covered with an inert oxide film having a natural immersion electric potential, 30 minutes after immersing into an aqueous solution of 0.01 mol $\text{Na}_2\text{B}_4\text{O}_7$, pH of 9.2 and a temperature of 25°C, which is greater than -1500mV.

31. (previously presented) A high strength Mg based casting alloy according to any one of claims 1 to 4, consisting essentially of the Al, the Zn, the Sn, the Mn and Mg.

32. (previously presented) A high strength Mg based casting alloy according to claim 5, consisting essentially of the Al, the Zn, the Sn, the Mn, the at least one element selected from the group consisting of Ca, Si and rare-earth elements, and the at least one kind of element selected from the group consisting of Sr and Sb, and the Mg.

33. (previously presented) A high strength Mg based alloy, which contains, 12 to 20% of Al by weight, 0.1 to 10% of Zn by weight, 0.5 to 10% of Sn, and 0.05 to 1.5% of Mn; and the remainder which is consisting essentially of Mg.

34. (previously presented) A high strength Mg based casting alloy, which is injection molded using a metal mold, and which contains, by weight, 12 to 15% of Al; 0.1 to 5% of Zn; 1 to 10% of Sn; 0.1 to 0.5% of Mn; at least one element selected from the group consisting of Ca, Si and rare-earth elements of which the total content is less than 5%; at least one kind of element selected from the group consisting of Sr and Sb of which the total content is less than 1%; and the remainder which is consisting essentially of Mg, whose surface is covered with an oxide film which contains Mg of 15 to 35% by atoms.

35. (previously presented) A high strength Mg based casting alloy, which is injection molded using a metal mold, and which contains, by weight, 12 to 20% of Al; and 1 to 10%, of Sn, whose surface is covered with an oxide film which contains Mg of 15 to 35% by atoms.

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36. (previously presented) A high strength Mg based casting alloy, which is injection molded using a metal mold, and which contains, by weight, 2 to 20% of Al; 1 to 10%, of Sn; and less than 1.5% of Mn, whose surface is covered with an oxide film which contains Mg of 15 to 35% by atoms.

37. (previously presented) A high strength Mg based casting alloy, which is injection molded using a metal mold, and which contains, by weight, 12 to 15% of Al; 0.1 to 5% of Zn; 1 to 10% of Sn; 0.1 to 0.5% of Mn; at least one element selected from the group consisting of Ca, Si and rare-earth elements of which the total content is less than 5%; at least one kind of element selected from the group consisting of Sr and Sb of which the total content is less than 1%; and the remainder which is consisting essentially of Mg, whose surface is covered with an inert oxide film having a natural immersion electric potential, 30 minutes after immersing into an aqueous solution of 0.01 mol $\text{Na}_2\text{B}_4\text{O}_7$, pH of 9.2 and a temperature of 25°C, which is greater than - 1500mV.

38. (previously presented) A high strength Mg based casting alloy, which is injection molded using a metal mold, and which contains, by weight, 12 to 20% of Al; and 1 to 10%, of Sn, whose surface is covered with an inert oxide film having a natural immersion electric potential, 30 minutes after immersing into an aqueous solution of 0.01 mol $\text{Na}_2\text{B}_4\text{O}_7$, pH of 9.2 and a temperature of 25°C, which is greater than - 1500mV.

39. (previously presented) A high strength Mg based casting alloy, which is injection molded using a metal mold, and which contains, by weight, 2 to 20% of Al; 1 to 10%,

of Sn; and less than 1.5% of Mn, whose surface is covered with an inert oxide film having a natural immersion electric potential, 30 minutes after immersing into an aqueous solution of 0.01 mol $\text{Na}_2\text{B}_4\text{O}_7$, pH of 9.2 and a temperature of 25°C, which is greater than -1500mV.

40. (new) A high strength Mg based casting alloy according to any one of claims 1, 2, 4, 5, 6, 7 and 8, wherein said alloy has an elongation (y) larger than 0.5%.

41. (new) A high strength Mg based casting alloy according to any one of claims 1 to 8, wherein said alloy has an elongation (y) larger than 3.5%.

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